

**WORKMAN  
NYDEGGER**

ATTORNEYS AT LAW

A PROFESSIONAL CORPORATION

1000 EAGLE GATE TOWER

60 EAST SOUTH TEMPLE

SALT LAKE CITY, UTAH 84111

TELEPHONE (801) 533-9800

FACSIMILE (801) 328-1707

RICK D. NYDEGGER  
BRENT P. LORIMER  
THOMAS R. VUKSINICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. VEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORE†  
STERLING A. BRENNAN†  
GREGORY M. TAYLOR  
DAVID B. DELLENBACH  
R. BURNS ISRAELSEN  
DAVID R. TODD  
L. DAVID GRIFFIN  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED

R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, PH.D.  
ERIC M. KAMERATH  
ROBERT E. AYCOCK  
JENS C. JENKINS  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
MICHAEL B. DODD  
WILLIAM R. RICHTER  
RYAN D. BENSON  
SARA D. JONES  
TIGE KELLER  
JANNA L. JENSEN  
MATTHEW D. TODD  
J. LAVAR OLDHAM  
MICHAEL J. FRODSHAM  
JOSEPH L. KRUPA  
BRETT A. HANSEN  
BRETT I. JOHNSON  
MATTHEW A. BARLOW

† ADMITTED ONLY IN CALIFORNIA

PATENTS

TRADEMARKS

COPYRIGHTS

TRADE SECRETS

UNFAIR COMPETITION

LICENSING

COMPLEX LITIGATION

MAILING ADDRESS:

P.O. BOX 45862

SALT LAKE CITY, UT 84145

INTERNET

HOME PAGE: <http://www.wnpatent.com>GENERAL E-MAIL: [info@wnpatent.com](mailto:info@wnpatent.com)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL FOR PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a United States patent application entitled PARALLEL CONVOLUTIONAL ENCODER in the name of the following inventor: Maher Amer.

Enclosed are the following:

- X A specification, claims, and abstract in total comprising twelve (12) pages.
- X Three (3) sheets of drawings.
- X A single signature Declaration and Power of Attorney.
- X An Assignment conveying the invention to IceFyre Semiconductor Corporation, including a Form PTO 1595 recordation cover sheet.
- A Declaration Claiming Small Entity Status pursuant to 37 C.F.R. § 1.9 and § 1.27.
- X The present application claims entitlement to Small Entity Status under 37 CFR §§ 1.9 and 1.27

☐ Enclosed is a non-publication request requesting that the present application not be published.

☒ A Certificate of Mailing by "Express Mail" certifying a filing date by use of Express Mail Label No. EV 319 223 348 US.

☒ Priority to Provisional Application Serial No. 60/399,728 filed on August 1, 2002 is claimed under 35 U.S.C. § 119.

☐ A certified copy of foreign priority application Serial No. \_\_\_\_\_.

☒ An Associate Power of Attorney and Direction for Forwarding Correspondence.

The filing fee has been calculated as shown below.

			SMALL ENTITY		LARGE ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$375		\$750
TOT. CLAIMS	20 - 20=	0	X 9=	0	X 18=	
IND. CLAIMS	4 - 3=	1	X 42	42	X 84=	
MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			<b>TOTAL</b>	417	<b>TOTAL</b>	

☒ Form PTO-2038 submitting Credit Card Payment in the amount of \$457.00 is enclosed to cover:

☒ The \$417.00 government filing fee.

☒ The \$40.00 recordation fee of the enclosed assignment.

☐ Please debit Deposit Account No. 23-3178 in the amount of \$\_\_\_\_\_ for the government filing fee.

☐ Please debit Deposit Account No. 23-3178 in the amount of \$40.00 for recordation of the enclosed Assignment.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

☒ Any additional filing fees required under 37 C.F.R. § 1.16.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

X The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3178.

X Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

X Any patent application processing fees under 37 C.F.R. § 1.17.

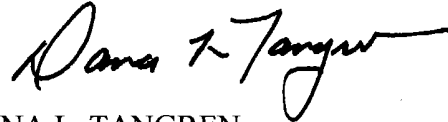
— The issue fee set forth in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).

X A duplicate copy of this letter is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 29<sup>th</sup> day of July 2003.

Respectfully submitted,



DANA L. TANGREN  
Attorney for Applicant  
Registration No. 37,246



**022913**

PATENT TRADEMARK OFFICE

DLT:dfw

W:\13587\0\DFW0000007566V001.doc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"Express Mail" Mailing Label No.: EV 319 223 348 US

Date of Deposit: July 29, 2003

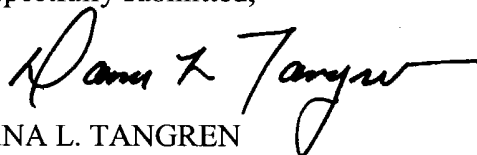
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- Transmittal Letter (3 pages) (in duplicate)
- Form PTO-2038 submitting Credit Card Payment in the amount of \$457
- Assignment with Form PTO-1595 cover sheet (3 pages)
- Declaration and Power of Attorney (2 pages)
- Associate Power of Attorney (1 page)
- Patent Application in the name of Maher Amer for PARALLEL CONVOLUTIONAL ENCODER (12 pages)
- Drawings (3 sheets)
- Postcard

Dated this 29<sup>th</sup> day of July 2003.

Respectfully submitted,



DANA L. TANGREN  
Attorney for Applicant  
Registration No. 37,246

WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111  
Telephone: (801) 533-9800

DLT:dfw

W:\13587\0\DFW0000007566V001.doc